

Notice of Allowability	Application No.	Applicant(s)
	09/737,743	SUTARDJA, SEHAT
	Examiner Phuong Phu	Art Unit 2611

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to the amendment filed on 3/31/06.
2. The allowed claim(s) is/are 2,3,5-10,18,19,21-27,34,37-39,50,51,54,55,58,59,86,87 and 89-95.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

This Office Action is responsive to the Amendment filed on 3/31/06.

EXAMINER'S AMENDMENT

1. Authorization for this examiner's amendment was given in a telephone interview with Mr. Michael Wiggins on 04/14/06.

The application has been amended as follows:

IN THE CLAIMS:

-In claim 10, the status identifier "(Original)" of claim has been changed to --(Currently Amended)--.

-Claim 96 has been canceled.

REASONS FOR ALLOWANCE

2. Claims 2, 3, 5-10, 18, 19, 21-27, 34, 37-39, 50, 51, 54, 55, 58, 59, 86, 87 and 89-95 are allowed.

3. The following is an examiner's statement of reasons for allowance:

-Regarding to independent claims 5, 6, 22, 91, none of prior art of record teaches or suggests a communication circuit, as claimed. Herry in view of Iwaooji teaches the claimed communication circuit except that Herry in view of Iwaooji fails to teach a near end replication transmitter comprising an adjustable current generator in communication with a load. With a different structure from the claimed near end replication transmitter, In Herry in view of Iwaooji, the near end replication transmitter comprises an adjustable gain and a filter. It would not have

been obvious for one skilled in the art to implement Herry in view of Iwaooji in further view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claims 7, 24, 93, none of prior art of record teaches or suggests a communication circuit, as claimed. Herry in view of Iwaooji teaches the claimed communication circuit except that Herry invention in view of Iwaooji lacks of an adjustable capacitive load in communication with the near end replication transmitter to maximize signal delay matching between the near end transmitter and the near end replication transmitter. It would not have been obvious for one skilled in the art to implement Herry in view of Iwaooji in further view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claims 9, 26, 95, none of prior art of record teaches or suggests a communication circuit, as claimed. Herry in view of Iwaooji teaches the claimed communication circuit except that in Herry invention in view of Iwaooji, the high pass filter does not comprises an inductor wherein said inductor has similar characteristics of the hybrid which is in communications with an output of the near end transmitter and with an input of the subtractor. It would not have been obvious for one skilled in the art to implement Herry in view of Iwaooji in further view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claims 21, 90, none of prior art of record teaches or suggests a communication circuit, as claimed. Herry in view of Iwaooji teaches the claimed communication circuit except that Herry in view of Iwaooji fails to teach a near end replication transmitter comprising a current generator in communication with an adjustable load. With a

different structure from the claimed near end replication transmitter, In Herry in view of Iwaooji, the near end replication transmitter comprises an adjustable gain and a filter. It would not have been obvious for one skilled in the art to implement Herry in view of Iwaooji in further view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claims 23, 92, none of prior art of record teaches or suggests a communication circuit, as claimed. Herry in view of Iwaooji teaches the claimed communication circuit except that in Herry invention in view of Iwaooji, the near end replication transmitter does not maximizes the amplitude matching between the near end transmitter and the near end replications transmitter, as claimed. It would not have been obvious for one skilled in the art to implement Herry in view of Iwaooji in further view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claim 37, none of prior art of record teaches or suggests a communication method, as claimed. Herry in view of Iwaooji teaches the claimed communication method except that in Herry invention in view of Iwaooji, the procedure of adjusting the replication signal lacks of step of adjusting a current and adjusting a load. It would not have been obvious for one skilled in the art to implement Herry in view of Iwaooji in further view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claim 38, none of prior art of record teaches or suggests a communication method, as claimed. Herry in view of Iwaooji teaches the claimed communication method except that in Herry invention in view of Iwaooji, the procedure of adjusting the replication signal lacks of step of adjusting a current. It would not have been

obvious for one skilled in the art to implement Herry in view of Iwaooji in further view of other prior art of record for leading such the implementation to the claimed invention.

-Regarding to independent claim 39, none of prior art of record teaches or suggests a communication method, as claimed. Herry in view of Iwaooji teaches the claimed communication method except that in Herry invention in view of Iwaooji, the procedure of adjusting the replication signal lacks of step of maximizing the amplitude between the replication signal and the transmitted signal. It would not have been obvious for one skilled in the art to implement Herry in view of Iwaooji in further view of other prior art of record for leading such the implementation to the claimed invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuong Phu whose telephone number is 571-272-3009. The examiner can normally be reached on M-F (8:00 AM - 4:30 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571-272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PHUONG PHU
PRIMARY EXAMINER

Phuong phu
Phuong Phu
04/14/06

Phuong Phu
Primary Examiner
Art Unit 2611